

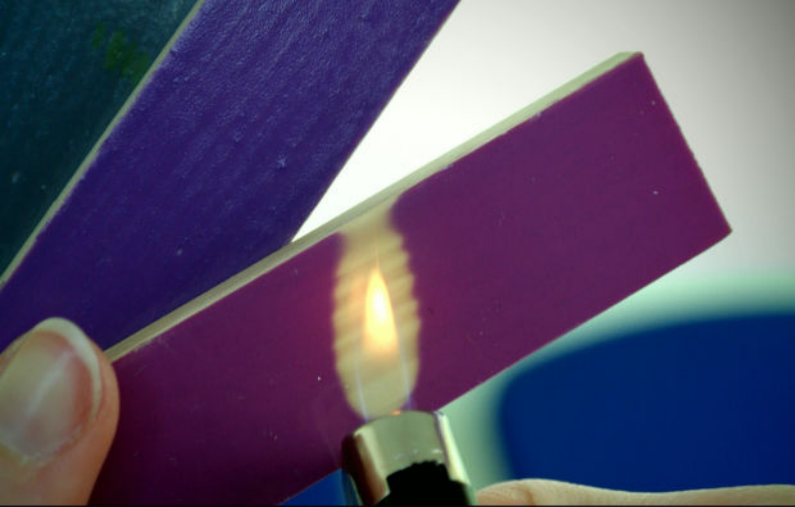
ThermoKrom®

THE INDUSTRIAL RANGE OF THERMOCHROMES

Reversible and irreversible



OliKrom
SMART COLORS



ThermoKrom[®], temperature-reactive technology with a large choice of colors

The ThermoKrom[®] range is developed and produced in France by OliKrom.

Our thermochromic products react to temperature to **change color reversibly or irreversibly**.

We develop custom-made inks, paints and pigments, capable of switching from one color to another, or from color to transparent.

Thanks to our pigment expertise, you can choose from a wide range of shades, intensities and **visual effects** to suit your aesthetic, functional or safety needs.

PERSONNALIZATION

Each project is unique. We adapt our formulations to your support, your application process and your technical requirements.

TYPE OF PRODUCT



PAINT



INK

TYPE OF APPLICATION



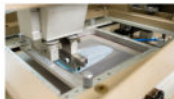
ROLLER/BRUSH APPLICATION

- Simple, manual application methods
- Flexibility, precise application, easy touch-ups



SPRAY APPLICATION

- Ideal for irregular surfaces
- Fast application, thin, even coat



SCREEN PRINTING

- Printing method adapted to flat substrates
- Good opacity, excellent resistance



PAD PRINTING

- Suitable for complex shapes and small surfaces
- Extremely fine marking, high precision

PRODUCT RANGE

REVERSIBLE COLOR → COLORLESS

Transition temperature	Reversible	Colors				
		Black	Red	Blue	Green	Yellow
0°C	✓	●	●	●	●	●
5°C	✓	●	●	●	●	●
10°C	✓	●	●	●	●	●
15°C	✓	●	●	●	●	●
20°C	✓	●	●	●	●	●
25°C	✓	●	●	●	●	●
30°C	✓	●	●	●	●	●
35°C	✓	●	●	●	●	●
40°C	✓	●	●	●	●	●
45°C	✓	●	●	●	●	●
50°C	✓	●	●	●	●	●
55°C	✓	●	●	●	●	●
60°C	✓	●	●	●	●	●
65°C	✓	●	●	●	●	●

Non-exhaustive list. Other colors and transition temperatures available.

We offer a wide range of reversible thermochromic products, as shown above. We also develop many **other colors on request**, as well as customizable transition levels to suit your requirements. Our reversible solutions can be formulated as color changes to colorless, or **color to color** for more complex or discreet effects.

PRODUCT RANGE

REVERSIBLE COLORLESS → COLOR

Transition temperature	Reversible	Colors				
		Black	Red	Blue	Green	Yellow
35°C	✓		●	●	●	
40°C	✓		●	●	●	
60°C	✓		●	●	●	

Here's an overview of our range of colorless to colored reversible thermochromes, but our technology is **fully customizable to suit your needs**. If you're looking for a particular shade, contact us and tell us about your project.

IRREVERSIBLE

Transition temperature	Irreversible	Colors				
		Black	Red	Blue	Green	Yellow
60°C	✓	●	●	●		
300°C	✓	We can also offer irreversible thermochromic solutions at higher transition temperatures.				

We can supply our irreversible thermochromes in many other colors, and **adjust transition temperatures** to suit your needs, even at high thresholds of up to 300°C, for use in extreme environments.

MADE IN FRANCE PRODUCTION



ThermoKrom®, French production at the heart of our know-how

The ThermoKrom® product range is designed and produced at OliKrom's Nouvelle-Aquitaine manufacturing site, in France.

Our approach is based on **complete integration**: R&D, formulation, industrialization and production. This enables us to guarantee maximum responsiveness, traceability and consistent quality, from the laboratory to industrial production.

We support each customer with tailor-made solutions adapted to individual needs and performance.



Ready-to-use
products



Production
within 15 days



Patented
technology

EXAMPLES OF APPLICATIONS

Alert and protect: using color for safety

The ThermoKrom® range meets strategic challenges in **industrial environments** with high temperature risks.

Coatings can be used to **visually detect** unusual heating, validate a sterilization cycle, or identify a zone that has reached a critical threshold.



INDUSTRY & PHARMACEUTICALS

Temperature threshold, area identification, packaging safety



CHEMICAL & PETROCHEMICAL INDUSTRY

Safety control, leak detection, overheating detection



RAIL & AUTOMOBILE TRANSPORT

Thermal marking, overheating indicator, battery safety device



AEROSPACE & DEFENSE

Indicators, temperature control, thermal validation

ThermoKrom®

THERMOCHROMIC SOLUTIONS FOR YOUR CRITICAL ENVIRONMENTS

www.olikrom.com

WANT TO TRY OUR PRODUCTS?
PLEASE CONTACT OUR EXPERTS.

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